

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

CPSA 6 (b)(1) Cleared

No Mfrs/PrvtLbrs or  
Products Identified  
Excepted by \_\_\_\_\_  
Firms Notified,  
Comments Processed.

**SUBJECT:** Thirty-First International Conference on Fire Safety and Fifth International Conference on Electrical and Electronic Products

**DATE OF MEETING:** July 25, 2000

**PLACE OF MEETING:** Ramada Plaza Hotel and Conference Center, Columbus, Ohio 43229

**LOG ENTRY SOURCE:** Doug Lee, ESEE *GAZ*

**DATE OF LOG ENTRY:** July 27, 2000

**COMMISSION ATTENDEES:** Doug Lee, ESEE

**NON-COMMISSION ATTENDEES:**  
See attached

**SUMMARY OF MEETING:**

A paper on New Technology for Preventing Residential Electrical Fires: Arc Fault Circuit Interrupters (AFCIs) was presented at the Fifth International Conference on Electrical and Electronic Products. The paper was authored by Douglas Lee, Andrew Trotta, and William King, Jr. from the Directorate for Engineering Sciences.

Attached is a list of other papers presented at the conference.

CPSA/OF THE SECRETARY  
FREEDOM OF INFORMATION  
2000 JUL 31 P 12:06

THIRTY-FIRST INTERNATIONAL CONFERENCE ON FIRE SAFETY  
THIRTEENTH INTERNATIONAL CONFERENCE ON THERMAL INSULATION  
FIFTH INTERNATIONAL CONFERENCE ON  
ELECTRICAL AND ELECTRONIC PRODUCTS

**Monday, July 24, 2000**

8:30 am      Registration  
9:00          Opening of Conference  
                Introduction of participants  
                Conference Director: Carlos J. Hilado, Product Safety Corporation

**Session on Buildings, Furnishings, and Plastics**

Chairman:     Rakesh K. Gupta, West Virginia University

9:00-9:15     Thirty International Conferences on Fire Safety:  
                A Quarter Century and Continuing  
                Carlos J. Hilado, Product Safety Corporation

9:15-9:45     Flame Retardants for Plastics  
                Rakesh K. Gupta, West Virginia University;  
                Carlos J. Hilado, Product Safety Corporation

9:45-10:15    An International Code Council Update: Year 2000 and Beyond  
                Bruce Larcomb, BOCA International

10:15-10:30   break

10:30-11:00   A New Approach to Interpreting Ignition Test Data  
                Frederick W. Mowrer and Jose L. Torero, University of Maryland

11:00-11:30   Royalite Fire-Rated Plastics  
                Nancy R. Concepcion, Spartech Plastics

11:30-12:00   Effects of the Position of Insulation in U.S. Navy Fire Resistant Assemblies  
                Jesse J. Beitel, Hughes Associates Inc.;  
                Frederick W. Williams, Naval Research Laboratory

1:00-1:30pm   Backyard Burning as an Important Source of Dioxin  
                Dwain L. Winters, U.S. Environmental Protection Agency

1:30-2:00     Fire Safety of Polymeric Materials in Buildings: State of the Art  
                Giuliana C. Tesoro, Philadelphia University

2:00-2:30     Fire Safety in Industrial Parks  
                Jack D. Burlingame, Jackson County Development Authority

2:30-3:00     Developing High Value Use for Recycled Polymers: CRTs and Plastics  
                from Electronics Demanufacturing  
                R. V. (Buddy) Graham, Polymer Alliance Zone of West Virginia

3:00-3:30     Packaged Pump Systems for Fire Protection  
                Peter J. Noll, Sterling Fluid Systems (USA) Inc.

3:30-4:00     Firestop Systems: An Industry Overview  
                William J. McHugh, Jr., Firestop Contractors International Association

**Session on Thermal Insulation**

Chairman: David W. Yarbrough, Tennessee Technological University

4:00-4:30     Heat and Mass Transport in a Silica Thermal Insulating Pad  
                R. R. Konda and David W. Yarbrough, Tennessee Technological University;  
                Michael Gentile, TUTCO

4:30-5:00     Experiences with Rigid Polyurethane Foam Insulation  
                William A. Ashe, Consultant

This program is subject to change.

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**Tuesday, July 25, 2000**

8:30 am      Registration  
9:00          Introduction of participants  
                Conference Director: Carlos J. Hilado, Product Safety Corporation

**Session on Thermal Insulation (continued)**

Chairman: David W. Yarbrough, Tennessee Technological University

9:15-9:45      Reflective Insulation Applications  
                    David W. Yarbrough, Tennessee Technological University  
9:45-10:15      Thermally Insulating Carbon Foams  
                    Darren K. Rogers, Touchstone Research Laboratory  
10:15-10:30      break  
10:30-11:00      Liability Arising out of Fire Stopping  
                    Karen P. Layng, Vedder, Price, Kaufman & Kammholz  
11:00-11:30      An Investigation of Fire Propagation on a Fibrous Bed  
                    Sarwan S. Sandhu, University of Dayton  
11:30-12:00      Protecting Structures with Proper Thermal Coatings  
                    Charles A. Waters, International Fire Control Systems Inc.

**Session on Electrical and Electronic Products**

Chairman: Donald G. Kasten, The Ohio State University

1:00-1:30pm      Engineering Background of Fires of Electrical Origin  
                    Donald G. Kasten, The Ohio State University  
1:30-2:00          New Technology for Preventing Residential Electrical Fires:  
                    Arc Fault Circuit Interrupters (AFCIs)  
                    Douglas A. Lee, U.S. Consumer Product Safety Commission  
2:00-2:30          Burning Behavior of Some Chlorosilanes and SiH Containing Silanes/Siloxanes  
                    Fu Yu Hshieh, Dow Corning Corporation  
2:30-3:00          Updates to the National Electrical Code  
                    Jack Murphy, Building Commissioner, City of North Royalton  
3:00-3:30          Requirements for Fire Alarms  
                    Jack Murphy, Building Commissioner, City of North Royalton

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Persons Whom You May Meet at the

**Thirty-First International Conference on Fire Safety  
Thirteenth International Conference on Thermal Insulation  
Fifth International Conference on  
Electrical and Electronic Products**

(List prepared on July 19, 2000)

William A. Ashe, Consultant  
Stephen W. Barnard, The Boeing Company  
John Baron, Jackson County Development Authority  
Jesse J. Beitel, Hughes Associates Inc.  
Timothy Bovard, Pittsburgh Corning  
Chris Bresciano, The Boeing Company  
Jack D. Burlingame, Jackson County Development Authority  
Nancy Concepcion, Spartech Plastics  
Jud Connelley, Cleveland-Hopkins International Airport  
Thor I. Eklund, Eklund Consulting Services  
R. V. (Buddy) Graham, Polymer Alliance Zone of West Virginia  
Rakesh K. Gupta, West Virginia University  
Carlos J. Hilado, Product Safety Corporation  
Fu Yu Hshieh, Dow Corning Corporation  
Gary W. Hunter, NASA Glenn Research Center  
Lawrence B. Ingram, Alcan Cable  
Jack Jordan, State Farm Insurance  
Donald G. Kasten, The Ohio State University  
Bruce Larcomb, BOCA International  
Karen P. Layng, Vedder, Price, Kaufman & Kammholz  
David Ledvinka, Ohio NIBS  
Douglas A. Lee, U.S. Consumer Product Safety Commission  
William J. McHugh Jr., Firestop Contractors International Association  
Thomas D. Miller, Sissonville Fire Department  
Thomas Mock, Wye Consulting  
Jack Murphy, Building Commissioner, City of North Royalton  
Peter J. Noll, Sterling Fluid Systems (USA) Inc.  
Anton Pintar, Michigan Technological University  
Darren K. Rogers, Touchstone Research Laboratory  
Sarwan S. Sandhu, University of Dayton  
Edwin E. Smith, The Ohio State University  
Carolyn E. Strock, Wood County Airport  
Laura Tennenhouse, W. R. Grace  
Giuliana C. Tesoro, Philadelphia University  
Jose L. Torero, University of Maryland  
Charles A. Waters, International Fire Control Systems Inc.  
Donald T. Willke, National Highway Traffic Safety Administration  
Dwain L. Winters, U.S. Environmental Protection Agency  
David W. Yarbrough, Tennessee Technological University